

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



INTERNATIONAL BUREAU OF PATENT COOPERATION  
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(43) International Publication Date  
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number  
**WO 2005/017807 A2**

(51) International Patent Classification<sup>7</sup>: **G06F 19/00**

(21) International Application Number:  
**PCT/US2004/026835**

(22) International Filing Date: 13 August 2004 (13.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/495,081 13 August 2003 (13.08.2003) US  
60/494,975 13 August 2003 (13.08.2003) US

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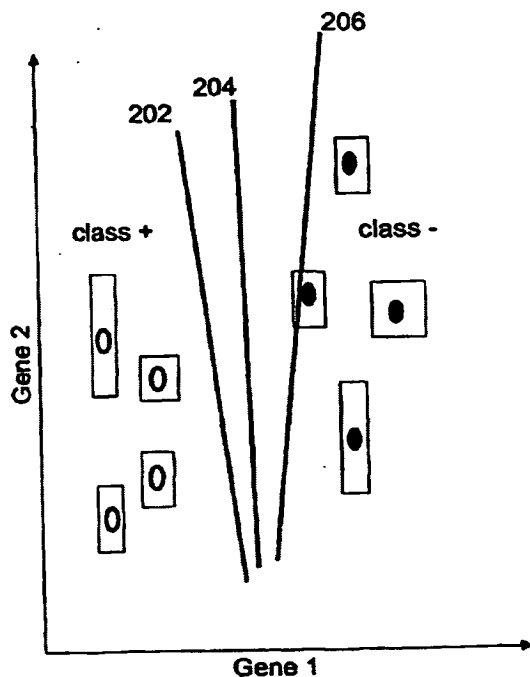
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(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: **APPARATUS AND METHOD FOR CLASSIFYING MULTI-DIMENSIONAL BIOLOGICAL DATA**



(57) **Abstract:** Apparatus and method for  
classifying multi-dimensional biological data are  
described. In some embodiments, a methodology  
for deriving a linear classification rule can be used for  
predicting a biological activity or a biological state.  
Advantageously, the methodology described herein  
facilitates obtaining robust and sparse classifiers  
that account for uncertainty involved in real-world  
experiments and improve computational efficiency  
and ease of interpretation of results.

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